

ABSTRACT OF THE DISCLOSURE

In accordance with the present invention, the control parameters for an in-and-out-of-synchronization detection algorithm (102) for a radio link set (set of combined radio links) are derived by a function (106) from the corresponding cell-based parameters. There are various modes of the method on how the control parameters for the in-and-out-of-synchronization detection algorithm for a radio link set (set of combined radio links) can be derived from the corresponding cell based parameters. For example, it could either be done dynamically, i.e. when a radio link is either added to or removed from a radio link set, or semi-statically, i.e. whenever the control parameters are changed for any cell in a base station, or in a combination of the dynamic and semi-static ways.